

Appl. No. 09/992,996  
Amdt. Dated November 12, 2003  
Reply to Office Action of August 12, 2003

CLAIM AMENDMENTS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (currently amended). An electromagnetic actuator, comprising:

at least one electromagnet having a coil and a first contact surface;

a second contact surface;

at least one resetting device;

an armature having a shank mechanically coupled to said resetting device, said armature being movable between said first contact surface on said electromagnet and said second contact surface;

and

a connector having at least one contact element electro-conductively connected to said coil of said electromagnet, said contact element ~~to be~~ being electrically contacted by an

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assembly contacting element, even upon said connector engaging  
a connector receptacle.

Claim 2 (original). The actuator according to claim 1,  
wherein said connector has an opening formed therein, and said  
contact element has a region configured as a service contact  
which is led through said opening in said connector and said  
service contact, at least during the assembly of the actuator  
onto the support, can be electrically contacted by the  
assembly contacting element.

Claim 3 (original). The actuator according to claim 2,  
wherein said connector has a housing with said opening formed  
therein, said service contact is led in an oil-proof manner  
through said opening in said housing of said connector.

Claim 4 (withdrawn). A method of mounting an actuator, which  
comprises the steps of:

providing an electromagnetic actuator containing at least one  
electromagnet having a coil and a first contact surface, a  
second contact surface, at least one resetting device, an  
armature having a shank mechanically coupled to the resetting  
device and the armature being movable between the first  
contact surface on the electromagnet and the second contact

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surface, and a connector having at least one contact element electro-conductively connected to the coil of the electromagnet and disposed such that, at least during an assembly of the actuator onto a support, the contact element can be electrically contacted by an assembly contacting element;

bring the contact element into electrical contact with the assembly contacting element;

passing current through the coil of the electromagnet in such a way that an armature plate of the armature comes into contact with the first contact surface;

fixing the actuator on the support; and

breaking the electrical contact between the contact element and the assembly contacting element.

Claim 5 (currently amended). An electromagnetic actuator assembly, comprising:

at least one electromagnet having a coil and a first contact surface;

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a second contact surface;

at least one resetting device;

an armature having a shank mechanically coupled to said  
resetting device, said armature being movable between said  
first contact surface on said electromagnet and said second  
contact surface;

a support mounting said electromagnet and said armature, said  
support having a contacting element; and

a connector having at least one contact element electro-  
conductively connected to said coil of said electromagnet and  
serving for electrically contacting said contacting element  
even upon said connector engaging a connector receptacle.